

ChatGPT 3.5 ▾



ChatGPT

In Android development with Kotlin, communication between an `Activity` and a `Fragment` can be achieved through interfaces. Here's a basic example to demonstrate how you can achieve communication from `MainActivity` to a `Fragment`:

1. Create an Interface:

Define an interface in your `Fragment` that the `Activity` will implement. This interface will have a method that the `Activity` can call to communicate with the `Fragment`.

kotlin

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```
// MyFragment.kt

interface OnDataChangeListener {
    fun onChanged(data: String)
}
```

2. Implement the Interface in MainActivity:

Make your `MainActivity` implement the interface defined in the `Fragment`. Override the interface method to handle the communication.

kotlin

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```
// MainActivity.kt

class MainActivity : AppCompatActivity(), MyFragment.OnDataChangeListener {

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        // Load the fragment
        if (savedInstanceState == null) {
            supportFragmentManager.beginTransaction()
                .replace(R.id.fragment_container, MyFragment())
                .commit()
        }
    }
}
```

Message ChatGPT...

